

30836 to 30838.

From Nice, France. Presented by Dr. A. Robertson Proschowsky. Received May 1, 1911.

Quoted notes on the following by Dr. Proschowsky:

30836. SOLANUM NIGRUM L.

Nightshade.

"This plant at Nice is in flower and fruit any time of the year."

Seeds.

30837. CITRUS sp.

"*Poire du Commandeur*. An agrume (a citrus fruit) forming a very beautiful tree, with its large pear-shaped fruits, which are of a pleasantly acid flavor and furnish a good lemonade."

Seeds.

30838. OPUNTIA sp.

"This is a fruit of great merit, most agreeable and refreshing, and if not bruised keeps in good state all through the winter."

Cuttings.

30839 to 30841. GLYCINE HISPIDA (Moench.) Maxim. Soy bean.

From Bengal, India. Presented by Mr. E. J. Woodhouse, Department of Agriculture. Received May 9, 1911.

Seeds of the following:

30839. Black.

30841. Chocolate.

30840. Yellow.

"These varieties of soy beans are cultivated to a very small extent on the plains of Bengal, mostly north of the Ganges. They have probably spread outward from the Himalayas, as their vernacular name, *Bhetmas*, is the same as that used by the Bhutias. They have been grown here for two years and breed true; they have been analyzed by Mr. C. S. Taylor, agricultural chemist to the government, who finds that the black-seeded variety yields an average of 38.4 per cent of proteid ($N \times 6.3$), the yellow variety 36.5, and the chocolate 32.6. They are all decumbent plants with small violet flowers and with the upright end of the branches more twining. The black-seeded variety is not so tall growing and has rather smaller bullate leaves, so that it can be easily distinguished in the field from the other two varieties. Plate II, fig. 2, of Bulletin 197, Bureau of Plant Industry, U. S. Department of Agriculture, gives a fair idea of the vegetative stage of the chocolate and yellow seeded varieties.

"The seeds are sown here in June at the break of the monsoon and are harvested in December. The plants die out very easily if water-logged early in growth and yield badly if the moisture fails at the flowering season." (*Woodhouse*.)

30842. HORDEUM VULGARE L.

Hull-less barley.

From Cawnpore, United Provinces, India. Presented by Mr. H. Martin Leake, Land Records and Agriculture. Received May 1, 1911.

30843. SAPOTA ZAPOTILLA (Jacq.) Coville.

Sapodilla.

From Christiansted, St. Croix, Danish West Indies. Presented by Mr. A. J. Blackwood, American consular agent. Received May 10, 1911.

"This pear-shaped variety is considered the finest flavored and best grown in the island." (*Blackwood*.)

Plants.